

### ABSTRACT OF THE DISCLOSURE

A system, device, and method for traffic and subscriber service  
5 differentiation using multiprotocol label switching (MPLS) creates different  
service tiers, where each service tier is associated with a unique combination of  
resource class (color) and hold priority. Enhanced MPLS devices separate traffic  
into separate queues based upon service tier. Standard MPLS devices are  
typically configured to separate traffic for different service tiers under normal  
10 operating conditions. Enhanced MPLS devices signal service tier using a  
predetermined signaling protocol such as RSVP-TE or CR-LDP.